

Message

From: Shuster, Kenneth [Shuster.Kenneth@epa.gov]
Sent: 7/6/2016 4:19:47 PM
To: Gerhard, Sasha [Gerhard.Sasha@epa.gov]; Galbraith, Michael [Galbraith.Michael@epa.gov]; Gaines, Jeff [Gaines.Jeff@epa.gov]; Craig, Harry [Craig.Harry@epa.gov]
CC: Thurman, Hana [thurman.hana@epa.gov]; Ning, Nina [ning.nina@epa.gov]; Berenback-Gold, Betsy [berenback-gold.betsy@epa.gov]; Gervais, Gregory [Gervais.Gregory@epa.gov]
Subject: FW: An inquiry regarding the lab search for tetrazine in water

FYI: Tetrazine and Tetrazene are different chemicals!

From: Laura Olah [mailto:info@cswab.org]
Sent: Wednesday, July 06, 2016 12:12 PM
To: Yang, Shen-Yi <Yang.Shen-Yi@epa.gov>; military@lists.cpeo.org
Cc: Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Kirkland, Kim <Kirkland.Kim@epa.gov>
Subject: RE: An inquiry regarding the lab search for tetrazine in water

Dear Shen-yi,

Thank you for your reply. I received more information after I posted my inquiry and I have the same question. The facility RCRA application says tetrazene (identified as a component of MK 154 Primer) but the approval letter says tetrazine. Regulators sent me an email stating that the correct spelling is -ine however I sent a follow-up today asking for the CAS number and chemical formula just to make sure a typo isn't in play. Not sure how long a response might take but I will post as soon as I have confirmation.

Thanks again.

Laura

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Laura Olah, Executive Director
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From: Yang, Shen-Yi [mailto:Yang.Shen-Yi@epa.gov]
Sent: Wednesday, July 06, 2016 10:51 AM
To: military@lists.cpeo.org
Cc: Shuster, Kenneth; Kirkland, Kim; info@cswab.org
Subject: An inquiry regarding the lab search for tetrazine in water

Your inquiry has been forwarded to me. For me to correctly respond to your inquiry, I would appreciate if you can clarify the analyte of your concern - tetrazine or tetrazene. These two compounds are different.

Tetrazine, CAS No. 54410-57-0, formula, C₂H₂N₄;

Tetrazene, CAS No. 31330-63-9, formula N₄H₄; this is the target analyte of Method 8331 (for explosive).

I think you are interested in tetrazene, not tetrazine. Am I correct? Thanks for your clarification.

Shen-yi Yang
RCRA Organic Methods Program Manager
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From: Military [<mailto:military-bounces@lists.cpeo.org>] **On Behalf Of** Laura Olah
Sent: Tuesday, July 05, 2016 12:54 PM
To: CPEO - listserve <military@lists.cpeo.org>
Subject: [CPEO-MEF] Lab search: Tetrazine in water

Anyone know of a laboratory capable of analyzing groundwater and/or drinking water for tetrazine?

Location: anywhere in U.S.
Method: EPA 8331 (Tetrazine by HPLC)
Note: environmental contaminant at OB/OD site for primers

Please reply to info@cswab.org

Laura Olah, Executive Director
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